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I, JONNE YABSLEY, TEAM LEADER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Provisional specification in connection with Application No. 2002952603 for a patent by KANWELD PRODUCTS PTY. LIMITED as filed on 11 November 2002.

WITNESS my hand this
Nineteenth day of September 2003

A handwritten signature in cursive script that reads "J R Yabsley".

JONNE YABSLEY
TEAM LEADER EXAMINATION
SUPPORT AND SALES



ORIGINAL

AUSTRALIA

Patents Act 1990

PROVISIONAL SPECIFICATION FOR THE INVENTION ENTITLED:

A Garment Hanger

Name and Address of Applicant:

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Name of Inventor:

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This invention is best described in the following statement:

A GARMENT HANGER

Technical Field

The present invention relates to garment hangers and more particularly but not exclusively to coat hangers.

5 Background of the Invention

Particularly in relation to expensive clothing items such as coats and suits, it is not uncommon to have attached to the garment a security tag. These tags are designed to activate an alarm system should the tag pass adjacent a detector at the exit of the store.

A problem with the above discussed security system is that once the garment is
10 removed from a hanger and taken for example to a fitting room, it is possible to remove the tags.

Accordingly in respect of the above described security system it is still possible for garments to be pilfered.

Object of the Invention

15 It is the object of the present invention to overcome or substantially ameliorate the above disadvantage.

Summary of the Invention

There is disclosed herein a garment hanger including:

a garment support portion over which the garment is draped so as to be draped there
20 over;

an engaging portion fixed to the support portion and to secure the hanger to a structure from which the hanger is suspended; and

a securing portion depending from the support portion, the securing portion having an aperture to co-operate with a security tag so that a portion of the tag passes through the
25 garment and said aperture so as to secure the garment to the hanger.

In a preferred form the garment hanger is a coat hanger and said support portion is a pair of arms that diverge from said engaging portion.

In a further preferred form said engaging portion is an eyelet.

Preferably the eyelet includes a first portion having ends separated by a gap and a
30 closure portion to be secured to the first portion to at least substantially close the gap.

Preferably the closure portion extends between the ends to completely close the gap.

Preferably the closure portion includes a first part having projections and a second part having apertures, which when secured together are generally coextensive with the projections received within the apertures to inhibit separation of the parts and therefore closure of the gap.

5 In a further preferred form said securing portion is a strip.

Brief Description of the Drawings

A preferred form of the present invention will now be described by way of example with reference to the accompanying drawings wherein:

Figure 1 is a schematic perspective view of a coat hanger:

10 Figure 2 is a schematic front elevation of the hanger of Figure 1;

Figure 3 is a schematic part sectioned side elevation of portion of the hanger of Figure 1 and portion of a garment secured thereto;

Figure 4 is a schematic elevation of a modification of the hanger of Figures 1 to 3;

15 Figure 5 is a schematic parts exploded perspective view of a clip employed in the hanger of Figure 4;

Figure 6 is a schematic elevation of a securing ring to be employed with the hanger of Figure 1.

Detailed Description of the Preferred Embodiments

In Figures 1 to 3 of the accompanying drawings there is schematically depicted a 20 garment hanger 10. The garment hanger 10 of this embodiment is a coat hanger that includes a garment support portion consisting of a pair of arms 11. The arms 11 diverge from an engaging portion 12 that secures the hanger 10 to a rack to inhibit removal therefrom.

25 The arms 11 diverge downwardly from a stem 13 that attaches the eyelet 14 to the arms 11.

Located generally below the stem 13 and between the arms 11 is a securing portion 14 that is in the form of a strip 15. The strip 15 has at its lower end an aperture 16.

Typically the hanger 10 would be manufactured from metal such as wire.

In the above described hanger 10 a coat is draped over the arms 11 so that portion 30 17 of the coat is positioned adjacent to the strip 15. A security tag 18 including a body 19 with a pin 20 engages the garment so that the pin 20 passes through the aperture 16 of the strip 15 and the coat portion 17. A securing cap 21 is then placed over the pin 20 so as to be secured to the body 19. Accordingly the garment is secured to the hanger 10, with the

hanger 10 then secured to a supporting rail via the eyelet 14. Accordingly the hanger 10 inhibits unauthorised removal of the garment from a rack supporting the hanger 10.

In Figures 4 and 5 there is schematically depicted a modification of the hanger 10 of Figures 1 to 3. In this embodiment the eyelet 14 includes a first part 17 that has ends 18 separated by a gap 19. Closing the gap 19 is a closure portion 20 which in this
 5 embodiment is a clip. The closure portion 20 includes a first part 21 that is elongated and arcuate and a second part 22 that is also elongated and arcuate so as to be complimentary in configuration to the part 21. The part 21 has projections 23 that are received within apertures 24 of the second part 22. More particularly the projections 23 are an
 10 interference fit in the apertures 24 so that when the parts 21 and 22 are secured together, so as to be generally coextensive, their separation is prevented or at least is substantially inhibited.

Each part 21 and 22 includes end cavities 25 that cooperate to receive the ends 18 so that the closure portion 20 cannot be removed.

The embodiment of Figure 4 is particularly well suited to display apparatus
 15 including a rail which does not lend itself to being threaded through the eyelet 14 of the embodiment of Figure 1. In such instances the hanger 10 of Figure 4 is used by passing the rails through the gap 19 and then securing the closure portion 20 to the first portion 17 to close the gap 19. Accordingly the hanger 10 of Figure 4 and garment hung thereon is
 20 inhibited from removal.

Frequently garment racks include downwardly sloping cantilever arms. The hangers are placed over the arms and are held in position by means of projections. In instances such as these a securing ring 26 is employed. The securing ring 26 would be
 25 passed through the eyelet 18 of the hanger 10 of Figure 1 and around the arm to prevent the lower most hanger 10 being removed. This would then inhibit the removal of further hangers.

The ring 26 includes a body 27 having ends 28 separated by a gap 29. The gap 29 would be closed by the bridge portion 20 of Figure 5 in the same manner as previously discussed.

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Dated 11 November, 2002
Kanweld Products Pty.Limited
Patent Attorneys for the Applicant
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